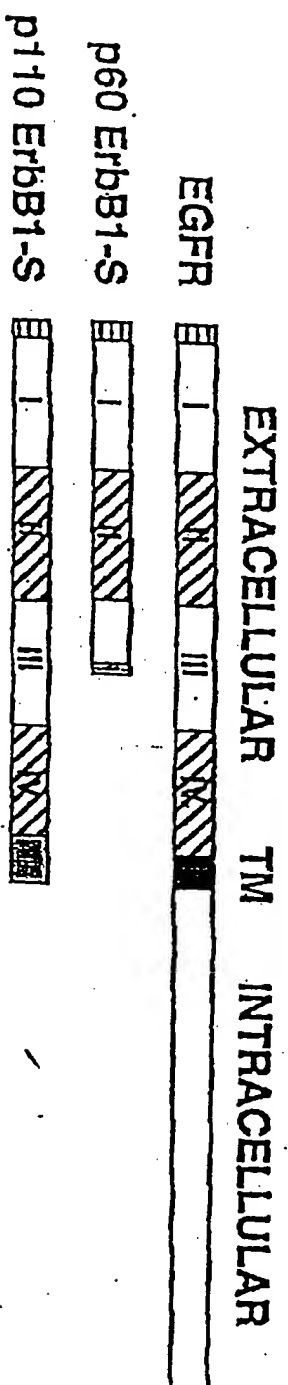


FIGURE 1



p60 ErbB1-S

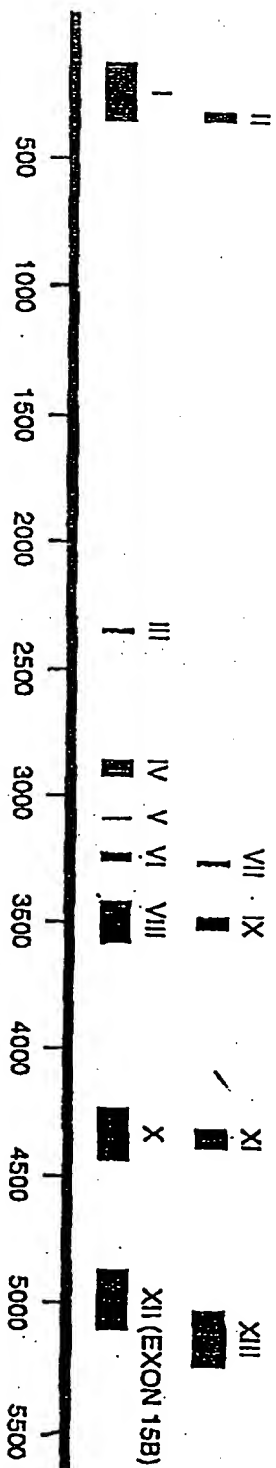
- encoded by 1.8 kb transcript
- mature product = 60 kDa
- Contains 381 amino acids
 - unique a.a: Leu and Ser
- Calculated mw = 45 kDa
 - minus signal peptide = 42 kDa

p110 ErbB1-S

- encoded by 3.0 kb transcript
- mature product = 110 kDa
- Contains 681 amino acids
 - 78 unique a.a
- Calculated mw = 77 kDa
 - minus signal peptide = 75 kDa

FIGURE 2

Alternative Exons Located in Human EGFR Intron 15



Alternative Exons Located In Human EGFR Intron 16

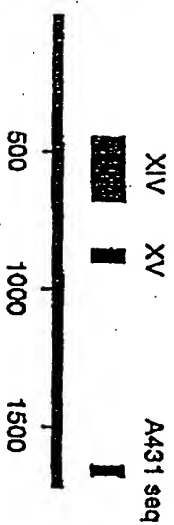


FIGURE 3

Seq ID	Alternative Exons (coding sequence only)	IVS #	Amino Acids	Translated Peptides
Exon 15	<p> cag gGACGACACACTGTATCCAGTGTGCCCCACTACATGTGAGCGGCCCACTG CGTACAGACTTGGCCCCGACGAGTGTGAGAAACACACCCCTGTGTGGAAG TAGCGACAGCCCCGATGTGTGCGCACTGTGCGATCCAACTGCACCTACGG cag cCATGCCAGTAGCACTGTGTGAGCAGCGCTCAGTGCAGTGGGAATG ACTTGCATGACACCGGTGTCCCGCGCGCGCGCTGTGTGTGCAATGTGCACAT CACAACAGAGGTAAGGGGACAAAGACAGAGTCTGTGCAGTGCACAGT CTCAGGGGCTTTGCGTTCTCTCCAGATTTCTAAGGTAAATGATGGGATTAG CTGTATTCACAATGA </p>	NA	53	<p> GPDNCLQCAHYIDGPHCVKCP AGVGENNTLVWKYADAGHYCH LCHPNTCYG HASSNLVSRPQSGNDSAMHR VPGRAVVOCTSTQDEGRKTE HRWQLPQSPGAPFLSRPLRL TWGLAVLQ* </p>
II	<p> cag ATTCTAAGGTACATGCGGATTAAGCTGTCTTGCATATGA </p>	325-364	12	PLRLTWGLAVLQ*
III	<p> cag GAAACACATCATATTA </p>	2342-2357	4	KTII*
IV	<p> cag ATGTGCATCAGTATCTGTGCAATCATATCTCTATATCAGTATCTGTGT CAGTGACATATGTGTCTGGCTTAG </p>	2857-2932	24	CASVSLHQYLXISIVSVSICC WA*
V	<p> cag GTCCCTTA </p>	3086-3092	1	S*
VI	<p> cag TATGTGTATTAATTAATTCAGTATCTGTGTAG </p>	3229-3265	11	MCDYIPDSEPF*
VII	<p> cag ATAG </p>	3266-3269	0	*
VIII	<p> gag TATTATGACGTGCACAACTTCTGAAATATATGTCTCTCTATTTCTC AGATGGATGTATGCTTCTTCATTTCTATTTCTAAGAAACATTAACAGGGG TTCTTTAACAACCTGTGAACAAGACATCAGACCCAGACTACAGCATTAACA GCTGCTGA </p>	3422-3587	54	<p> IYDVHNIPEYIVSLISQMGCI FSISIVKETLFGVSLTCEQKH QSPDYSSISC* </p>
IX	<p> cag ATGGATGTATGCTTCTTCATTTCTATTTCTAAGAAACACTTACAGG GGTTCTTTAA </p>	3474-3534	19	WDVLPSPPLLLKHLQGL*
X	<p> cag AGTTACCGAGGCTCATACAGCTTACAGAGAGCCCTTGCCTTCTGAGC CTCTACACTCTCTCTCTCTGACCCCGCTCTGCGACTGTCTGTCCAGTT CTCTACAGGCTCATCTGTCTACCTTCCCTTCCAGACTGTCTACAGCTTCTG TTAGCAATCCCTATGCTGCCCAAAAGCATTTTACAGCCCTGCATTA </p>	4233-4437	67	<p> VTEGLISVSRSPSPDALTSFS PAAPSCHPCPSALQSGTGLPF PTSLSQLVSNPYGCPKAFSEP A* </p>
XI	<p> cag CCCCGTCTGACACTGTCTGTCTCAGCTTCTCTCAAGGTCACATGCT CTACCTTTCCTTCAAGTCTGTCTACAGCTTCTGTGTTAG </p>	4307-4394	28	<p> PVLPLSLSPSSSRVNWSTV*PYK SVTASC* </p>
XII (Exon 15B)	<p> cag GCCAGGAATGAGACTTCTCAAGCCATGTATTTCTGCTTTTAACTAT CATCTGTATTAAGATATGATGAGCAGCTGTCCACAGAGCGGAGCCAG CTGCTCAGAGATCATGCTTGAAGATGATCCCTTCTCTCTGCGTCAAGTTTC AGCTGGGTGGGTGAGTGAAGCCACTTCATGCTTGCCTTGTGATCTGTGA TCATCAGCGGCTCTCTGCGCACTGA </p>	4870-5107	78	<p> PGENSLKATLFCFLKSSCNOS NDGSVSHQSGSPAAQESLGWT PSLLPSEFOLGCGCSHLHAMP SASVITIASCH* </p>
XIII	<p> cag AGTTTCAAGTGGGTGGGTGGATGACGCCACTTCCATGCTGCGCTTCT GCATCTGTGATCATACGCGCTCTCTCTGCGCATGAGCTCATGCTTCACTG TCTGTCTCCCGCTTCTCTCTCTCTGCGCACCCCTGACAGTGGGCGCGCTTC CCAGAGATCTTACCAATTTCTCTCTCTCTCTCTCTCTGCGAGTGCCTCTCA CCCCAATCATGATGCTTA </p>	5022-5250	75	<p> VSAGLGNMPPPCIAFCICDH GLLPLSLMPSNRVCSPRFSLP PLHVGROVPRKILPISFLPLPL PVPLTPNS* </p>
Exon 16	<p> cag ATGCACTGGCGCAGGTCTGAAGGCTGTCCAGAAATGG </p>	NA	13	CTGPGLEGGCTNG

FIGURE 4

XIV	cag ACACACTGCCCCAGCAAGCAAAAGGCGTTCCTTCACATCAGCTCTGGC CAGTTGCGAGAGCAAGCCCTGAGAAAACAGATGAAAGTCTTATCMA CTCACCGAAGAGAGTGTGTCTTCATCTCGATGGCGCTAGCCAGCAATCATGA ATTATACACCGAGCACCTGTGTGCCATTTTGATGTTTCCAAACATGAACCAA CTTCCAGGCCCCCTGCGCATCTCTGTAA	444-684	79	HTAQRQKGFLLQHQLWPVCQSK ALRKALXSLIQTHQERVVLS MASSQESMNYTPSTCLPFVMPF NMNQTSRPLCHLM*
XV	cag TGAGCTGCTAGGACACCCACAGAACTTCCCACCTCCACTGCAATCTC AGGATCTTAG	849-909	19	ELIGHPAELPHSTLQSQS*
A431 seq	tag AAGCTACATAGTGTCTCACTTCCAAAGATCATCTACAGATGTCAGTGC ACTGA	1633-1687	17	SYIVSHFPRSFYKMSVH*
Exon 17	cag GCCTTAGATCCCGTCCATCGCCCACTGGATGATGGGGCCCTCCCTTGC TGCTGGTGGTGGCCCTGGGATCGCCCTCTTCATGCGAAGCGCCACATCGTTC GGAAGCGACGCTGCGAGCGTGTCTGACAGAGAGGGAG	NA	47	PKPSIATGHWGALLLLVVAL GIGLFMRRRHIVRKRTLRLDQ ERE

FIGURE 4, continued

Co-expression of p170 and p110 EGFR in Chinese Hamster Ovary Cells

Protein Expression			
Stable	p170	vector	p170
Transient	vector	p110	p110

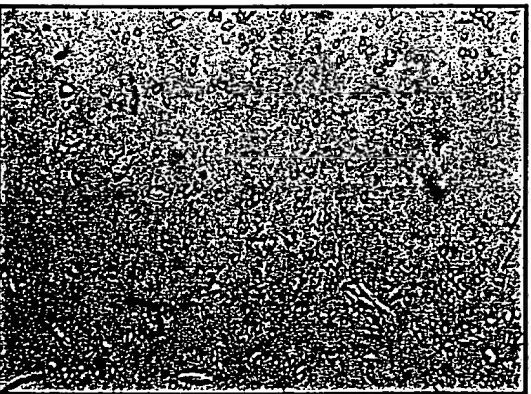
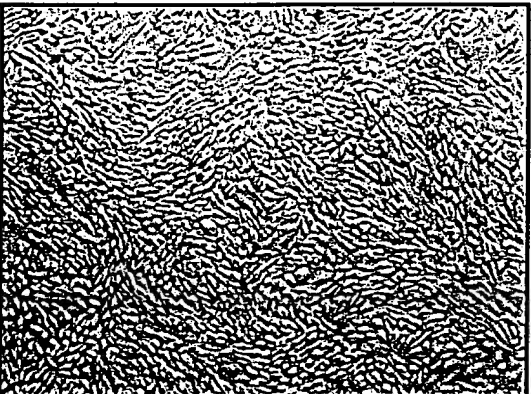
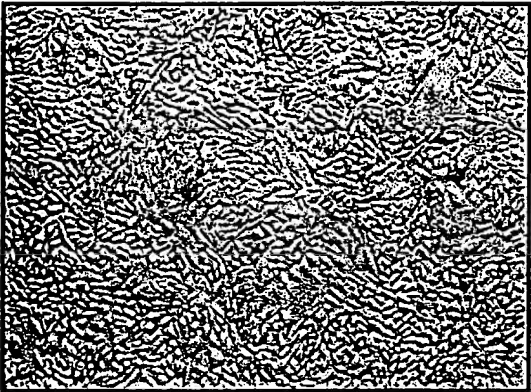


FIGURE 5

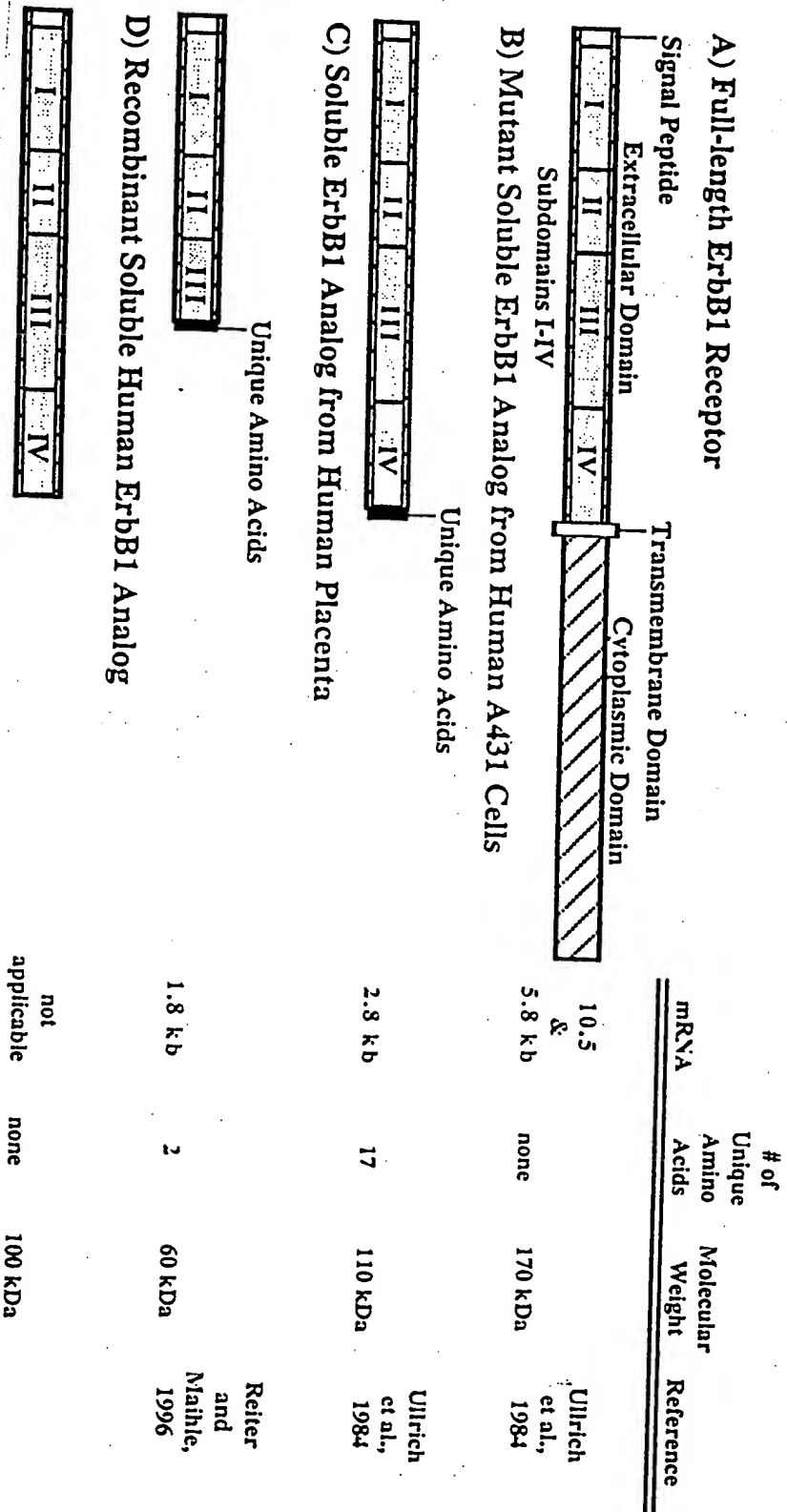


FIGURE 6

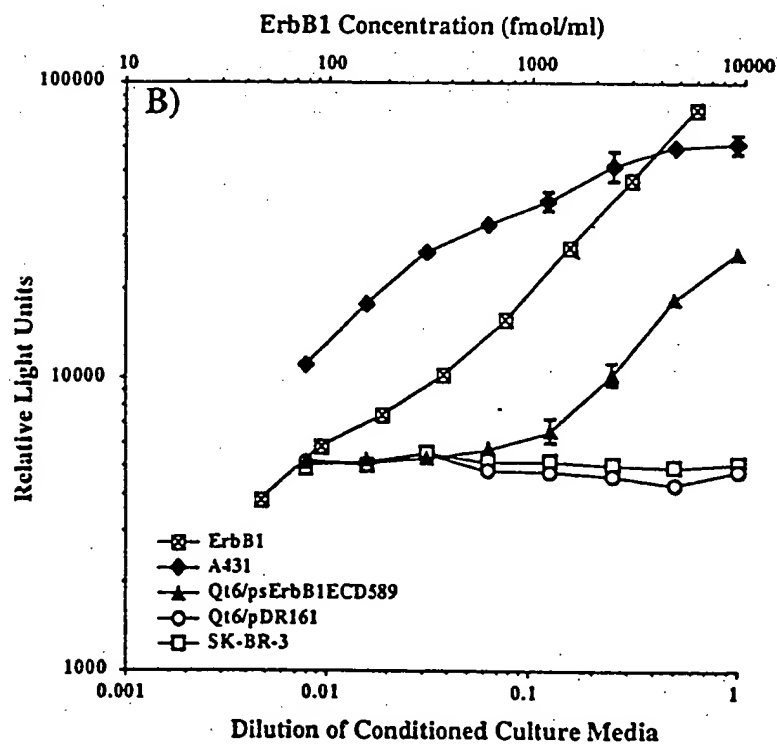
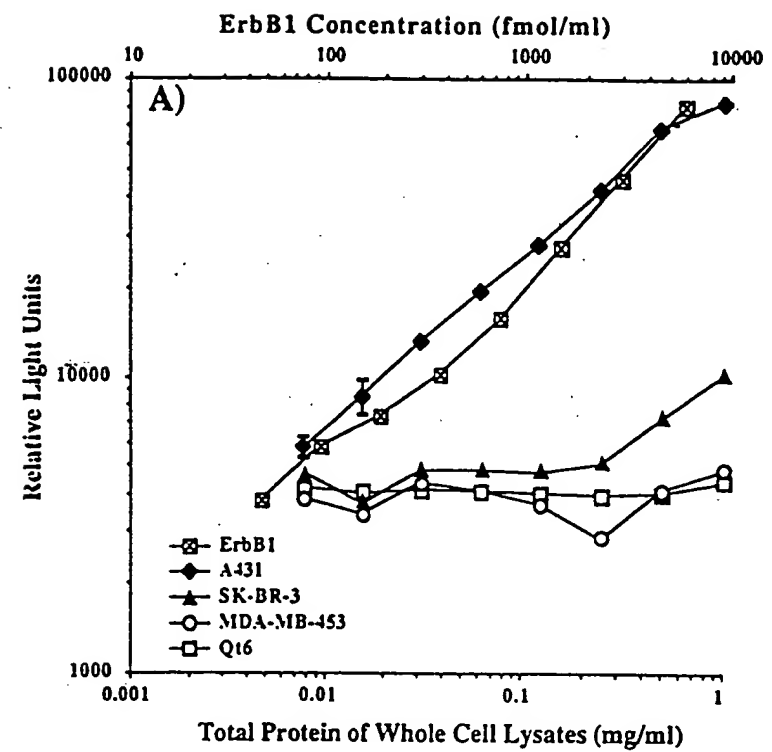


FIGURE 7

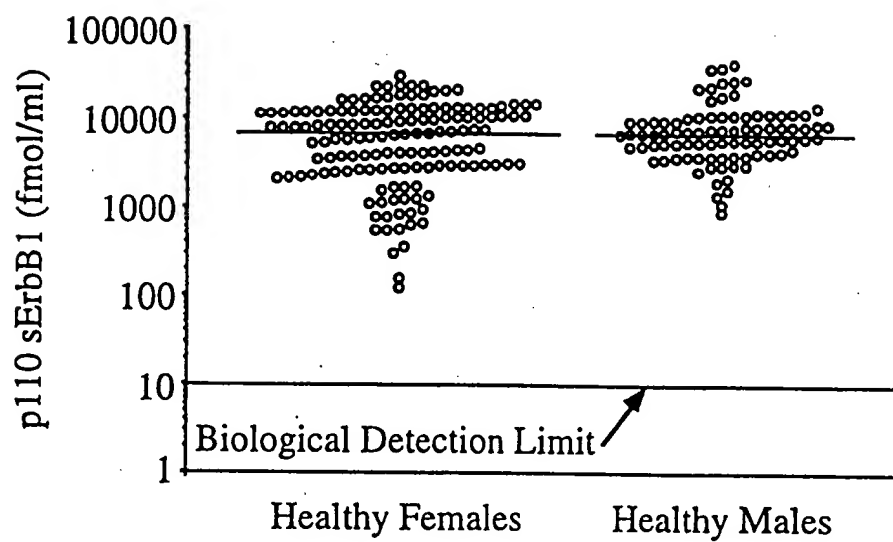


FIGURE 8

006360" 08E92960

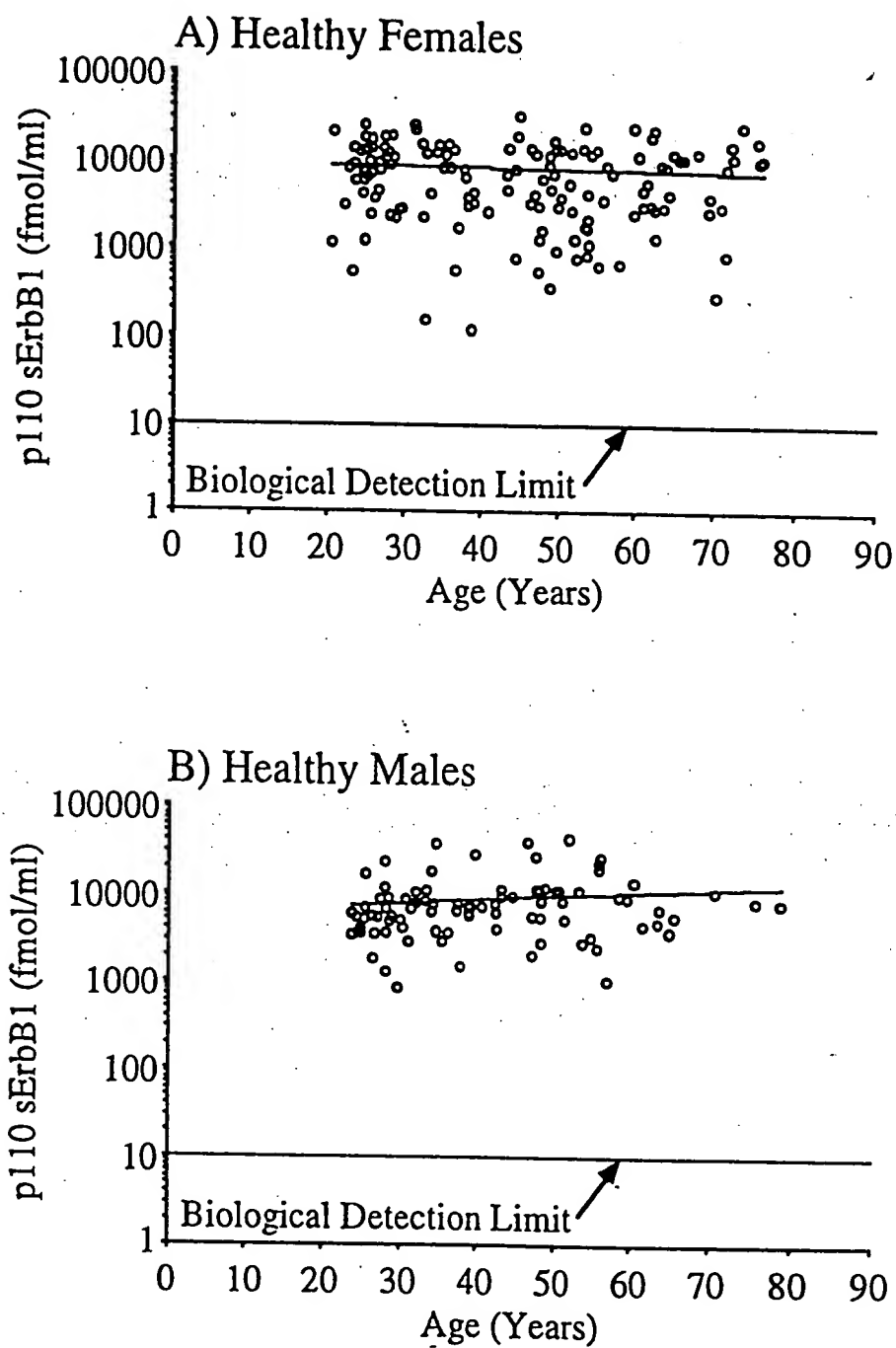


FIGURE 9

006260-08E9Z960

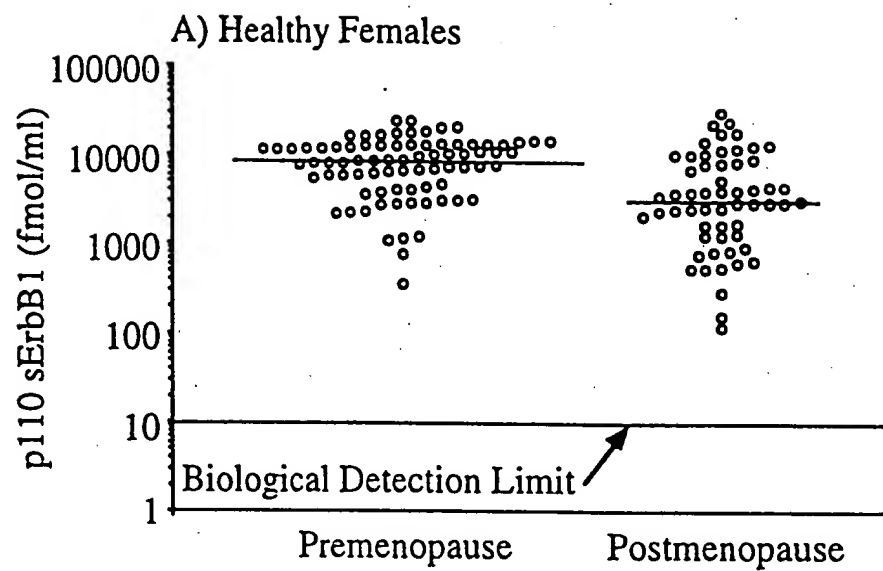


FIGURE 10

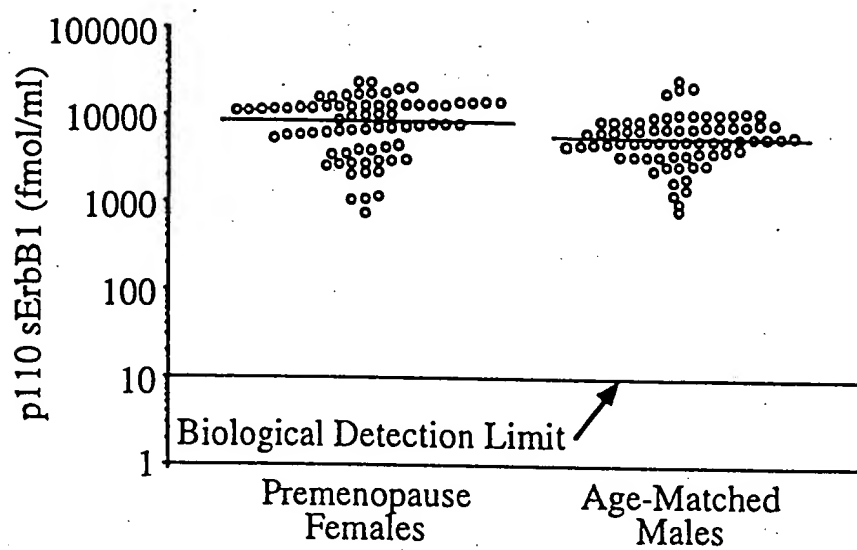
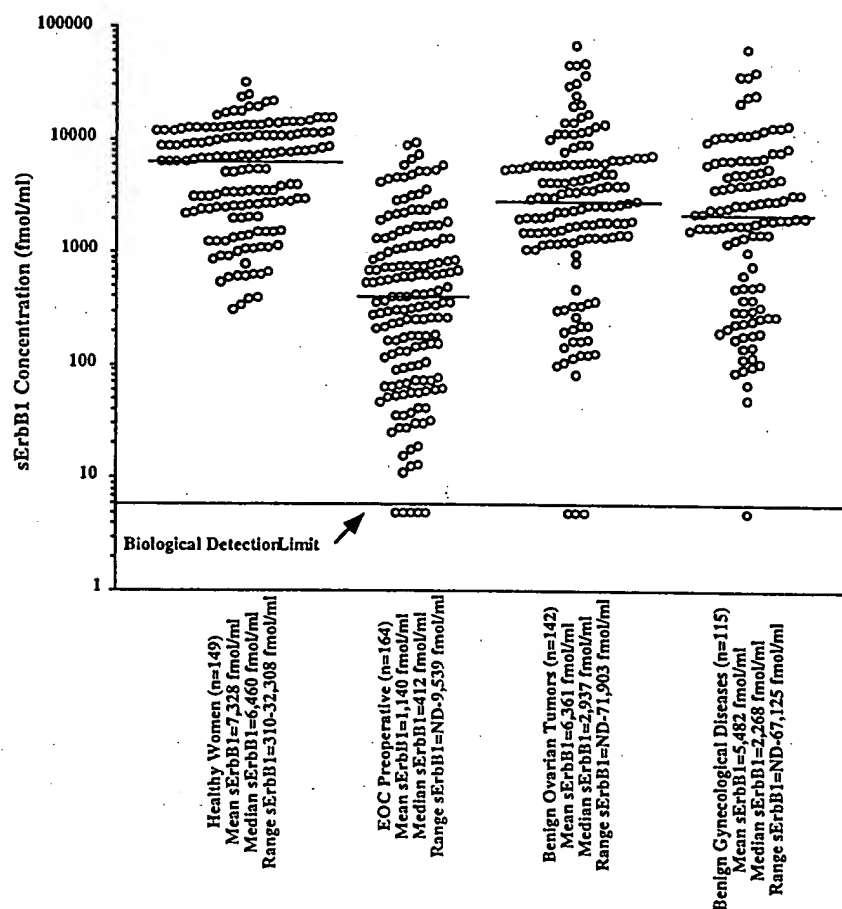


FIGURE 11



Serum sErbB1 levels in healthy women, patients with EOC, benign ovarian tumors, and other benign gynecological diseases as measured by ALISA and compared. Serum samples with sErbB1 levels below the inter-assay biological detection limit (horizontal line with arrow) of 5.89 fmol/ml were arbitrarily assigned values of 5.0 fmol/ml for graphing purposes. Each data point represents the median of the mean sErbB1 concentration for one serum sample tested in duplicate from a minimum of three separate assays. The median sErbB1 concentration for each group of patients is indicated by the horizontal line.

FIGURE 12

FIGURE 13

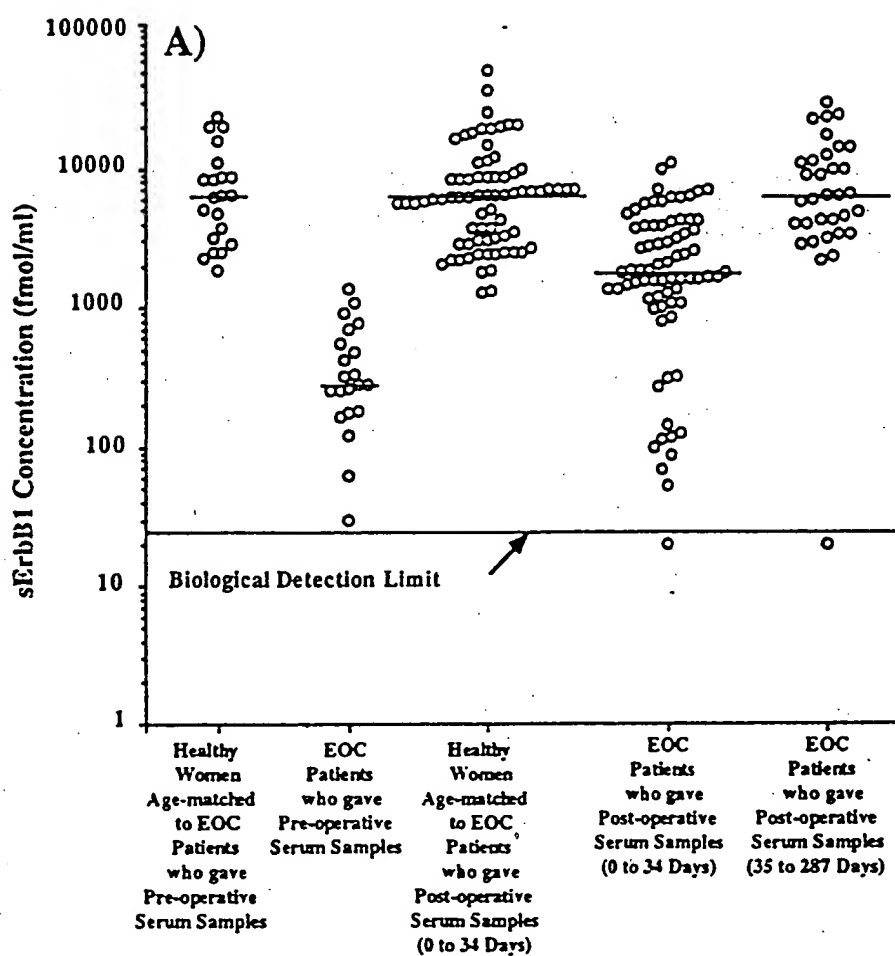


FIGURE 14

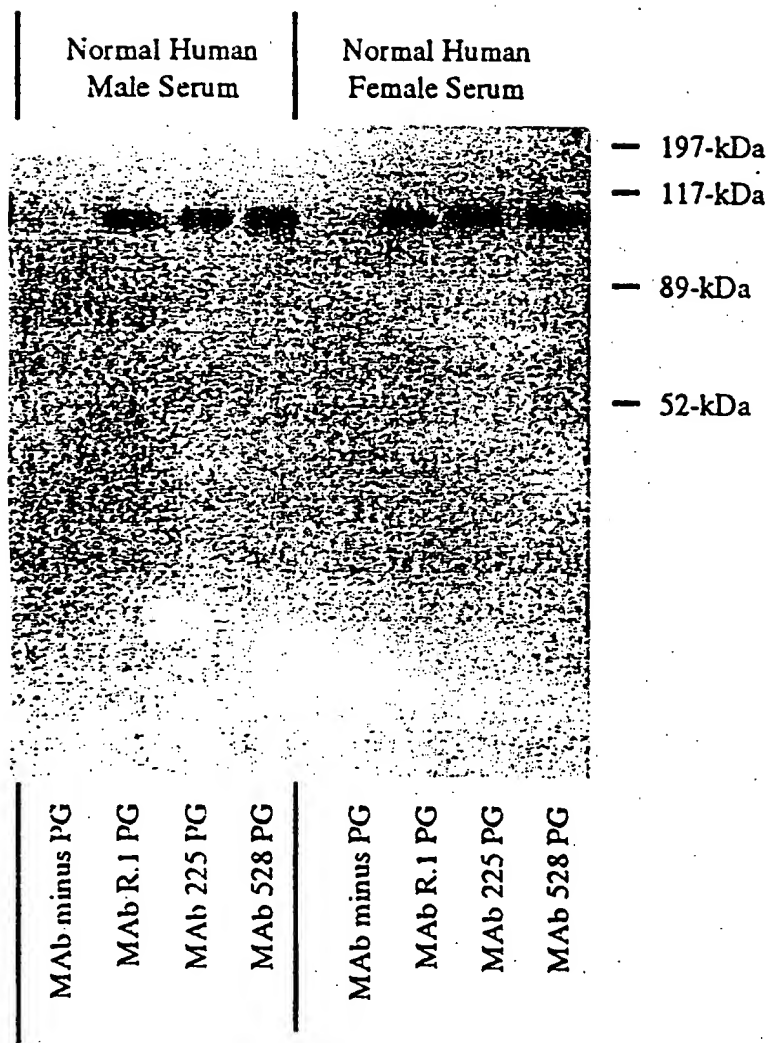


FIGURE 15

